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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/531,949	03/21/2000	John Michael Kominek	57921/108	7501

22862 7590 03/22/2005

GLENN PATENT GROUP
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EXAMINER

WOO, ISAAC M

ART UNIT	PAPER NUMBER
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2162

DATE MAILED: 03/22/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

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Office Action Summary	Application No. 09/531,949	Applicant(s) KOMINEK ET AL.	
	Examiner Isaac M Woo	Art Unit 2162	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 November 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-35 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-35 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

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DETAILED ACTION

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on November 24, 2004 has been entered.

2. Claims 20, 24 and 30 are amended. The pending claims are 1-35.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-35 are rejected under 35 U.S.C. 103(a) as being unpatentable over Boguraev (U.S. Patent No. 6,212,494) in view of Bertram et al (U.S. Patent No. 5,818,446, hereinafter, "Bertram").

With respect to claims 1, 14, 20, 24 and 30, Boguraev discloses, obtaining data from a network of computer, see (col. 7, lines 42-67, computer network provides online documents); applying text patterns to the obtained data (fig. 4, col. col. 42, lines 10-35, col. 57 and col. 58) and placing the data in a first data file, see (fig. 12, col. 62, lines 21-67); providing a second data file (fig. 13) containing the obtained data in a uniform format, see (fig.13, col. 65, lines 7-46); and generating grammatical sentences from the data (fig. 13, sentence completed with variable input, fig.13, col. 65, lines 7-46).

Boguraev does not explicitly disclose according to a specific user interface in the second data file. However, Bertram discloses, "a single user interface could not possibly meet all the demands and needs of all users: witness the vast multiplicity of unique user interfaces that are presented by a variety of application programs, operating systems, browser environments and the like. There is a need to be able to switch between user interface at the preference of the user or when the data being displayed to a user changes in such a fashion that a different user interface would be better suited to the display and user needs. Changes between various user interfaces presented to the user should be quick, simple and easily selectable and automatic when possible", see (col. 6, lines 17-28). This teaches that data can be displayed according to user preference (specific) of user interface. Therefore, it would have been obvious to a person having ordinary skill in the art at the time of the invention was made to modify Boguraev by incorporating according to a specific user interface in the second data file with the system of Bertram. Thus, one having ordinary skill in the art at the time the invention was made would have been motivated to use such a modification because that would

provide Boguraev's system the enhanced capability of providing information on multiple different (specific) user interface.

With respect to claims 2 and 18, Boguraev discloses that the second data file comprises applying a lexical entry transformation table to transform the obtained data into a common semantic form, see (col. 10, lines 17-67).

With respect to claims 3-4, Boguraev discloses that the second data file comprises applying attribute phrase grammars and applying term arrangement rules to the obtained data, see (col. 11, lines 24-65).

With respect to claim 5, Boguraev discloses the second data file comprises applying a second lexical entry transformation table to transform data to normalized and tagged format, see (fig. 6, col. 61, lines 1-45).

With respect to claims 6 and 15, Boguraev discloses storing the second data file in a uniform format, see (fig.13, col. 65, lines 7-46).

With respect to claim 7, Boguraev discloses, the uniform format comprises a normalized and tagged format, see (fig.13, col. 65, lines 7-46).

With respect to claim 8, Boguraev discloses, generating user interface specific grammatical sentences comprises applying attribute phrase grammars to the data in the second data file to create a parsed form of the data, see (fig.13, col. 65, lines 7-46).

With respect to claim 9, Boguraev discloses, generating user interface grammatical sentences comprises applying lexical entry transformation tables to the parsed form of the data to create a term substituted form of the data, see (fig.13, col. 65, lines 7-46).

With respect to claim 10, Boguraev discloses, generating user interface specific grammatical sentences comprises applying term rearrangement rules to the term substituted from the data according to a specific interface to create a rearranged form of the data, see (fig.13, col. 65, lines 7-46).

With respect to claims 11 and 19, Boguraev discloses, generating user interface specific grammatical sentences comprises applying phrase generation grammar to the rearranged form of the data to create interface specific sentences, see (fig.13, col. 65, lines 7-46).

With respect to claims 12-13, 16-17, 21, 25-26 and 31-32, Boguraev discloses, voice output to a telephone, corresponding to the interface specific sentence, see (fig.13, col. 65, lines 7-46).

With respect to claim 22, Boguraev discloses, storing the first data file and the generated phrase in a database, see (col. 7, lines 50-67).

With respect to claim 23, Boguraev discloses, that obtaining data from a network of computers comprises obtaining data from Internet, see (col. 7, lines 25-67).

With respect to claims 27 and 28, WAP (wireless application protocol), that is an open international standard for applications that use wireless communication, e.g. Internet access from a mobile phone.

With respect to claim 29, Boguraev discloses, the means for organizing a plurality of data files containing obtained data from the obtaining means, see (col. 7, lines 25-67).

Claims 33-35 (computer program product claims) are rejected on grounds corresponding to the reasons given above claimed in claims 1-11.

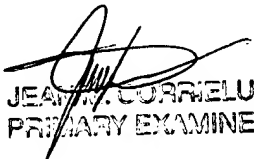
Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Isaac M Woo whose telephone number is (571) 272-4043. The examiner can normally be reached on 8:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John E Breene can be reached on (571) 272-4107. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

IMW
March 15, 2005


JEANNE M. CORRIELLUS
PRIMARY EXAMINER